

CENTREX: Telephone calls
from outside the University
will be made directly to your
extension when—

928-2011

replaces
Walnut 3-6611
on July 1
(See page 4)



MARCH 1963

STAFF

bulletin

UNIVERSITY OF TORONTO



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THE FALCONER LECTURE

Barbara Ward, political economist and one of Britain's most influential writers, will deliver this year's Falconer Lecture.

She will speak Tuesday and Wednesday evenings, March 26 and 27, in Convocation Hall beginning at 8.30 p.m.

Her topic is: "Towards a World of Plenty?" The first evening she will discuss "Growth in Developed Economies", and the second "Poverty and Expansion".

Staff and students may obtain tickets to the reserved section from the Registrar. The lectures are free and the public is invited.

Miss Ward has been described as one of the most striking figures of her generation. By her mid-30's, she had collected more laurels than most women gather in a lifetime—as foreign affairs editor of *The Economist*, author, radio personality and speaker. Until graduating from Oxford, she had intended to be a concert singer, and her early musical training still shows in her flexible and attractive voice.

She was born in Yorkshire in 1914 and was educated at the Convent, Felixstowe, and at the Lycée Molière and the Sorbonne in Paris. She also studied in Germany and then at Somerville College, Oxford, where she took a first-class honours degree in philosophy, politics and economics.

In 1939 she became assistant editor of *The Economist*, and a few years later was elected a member of the Council of the Royal Institute of International Affairs. She has been a Governor of the British Broadcasting Corporation and the Sadlers Wells and Old Vic Theatres. She is married to another economist, Commander Sir Robert Jackson.

Her books include *The West at Bay*, *Policy for the West*, *Faith and Freedom*, *Interplay of East and West*, and *Five Ideas that Change the World*. Both as writer and speaker, she is notable for the clarity with



BARBARA WARD

which she makes complex issues intelligible to the general public.

The Lectures honour Sir Robert Falconer, President of the University of Toronto from 1907 to 1932. Their purpose is to commemorate one of his chief interests—promoting an intelligent understanding of world affairs by young Canadians—by bringing speakers from time to time who, by reason of their eminence, are qualified to awaken and confirm in students an interest in these matters. Previous Falconer Lecturers include Earl Baldwin, the Marquess of Salisbury, Lady Violet Bonham Carter, and Viscount Kilmuir.



Phone calls from outside will be dialled directly to University extensions

Three compact consoles will take over from the long conventional switchboard in Simcoe Hall on July 1, when the University switches to the Centrex telephone system. Instead of plugging jacks into a wall of tiny holes, operators will make connections by pressing the few console keys. About 70 per cent of incoming calls under the new system should not pass through the consoles at all: they will be made directly to the required extension. This type of console, illustrated above, will make its Canadian debut at University of Toronto.

The University will have a new telephone number and a more efficient telephone service beginning July 1.

The new telephone number will be 928-2011.

The Centrex system will make it possible to dial any University extension directly from outside, without going through the switchboard. Staff members will be able to place or receive calls 24 hours a day, seven days a week.

This type of system is in use at several of the larger U.S. universities, including Princeton, Illinois, Northwestern and Michigan State. Similar systems have been installed in the Ontario Government offices and at Toronto City Hall.

This is what Centrex means:

1. All University extensions will receive new four-digit numbers before July 1. New telephone directories will be prepared and distributed before that date.

2. Calls from outside the University can be made directly by dialing 928, followed by the new four-digit number of the desired extension. It is estimated 70 per cent of calls to the University can be handled in this way.

To speed the change, staff members are asked to explain the new system before July 1 to persons who call frequently from outside the University. Whenever possible, please give the direct dialing number to your extension.

3. If the caller from outside the University does not know the extension number, he can dial 928-2011. Operators at a new style of console, to be used here for the first time in Canada, will connect him with the extension he wants. Because routine connections will be eliminated, operators will be able to offer more personal and faster attention to incoming calls. It is expected that they will be on duty from 8.30 a.m. to 10

p.m. during the week and from 8.30 a.m. to 5 p.m. on Saturdays as at present.

4. To dial another extension within the University, staff members will simply dial the new four-digit numbers, in the same way they do now.

5. To call out of the University, staff members will dial "9", followed by the telephone number they want to reach, as they do now.

6. Long-distance telephone calls will no longer have to be placed through the switch-board. They can be dialed directly or through the long-distance operator, as from your home telephone. Automatic equipment will record the place and number called, and the extension used. This will provide improved control over the cost of long-distance calls.

7. The changes affect all parts of the University served by the telephone number Walnut 3-6611.

The Edgar Stone Lectureship in Drama

Alan S. Downer, a member of Princeton University's Department of English since 1946, is this year's Edgar Stone Lecturer. He will speak on "The Hero in American Drama" on Monday, March 18, and on "Tragedy and the 'Pursuit of Happiness'" on March 20. Both lectures will be in Hart House Theatre, beginning at 4.30 p.m.

Professor Downer is an authority on the theatre whose interests range from the development of modern musical comedy to "Dramatic Action and Characterization on the Elizabethan Stage". He is a former chairman of the American Society for Theatre Research and a member of the Plenary Committee of the International Federation for Theatre Research.

Professor Downer teaches undergraduate courses in Shakespeare, one in Modern Dramatic Art and another in the Development of Dramatic Art from the Greeks to the Nineteenth Century. On the graduate level he offers a course entitled Restoration and Eighteenth-Century Drama, and another on British and American Drama since 1820. He is a member of the Examining Committee of the Advanced Placement Program of the College Entrance Examination Board.

Among his published works are *Fifty*

Years of American Drama: The Art of the Play; The British Drama; On Plays, Playwrights and Playgoers, a selection of letters by Booth Tarkington to various persons identified with the theatre; and of *Seven American Plays*, which is designed to illustrate American characteristics of the drama both as to subject matter and technique. He is editor of *Twenty-Five Modern Plays*.

Professor Downer began at the age of five to act in stock companies in his native Syracuse. He appeared in several productions at Harvard and also in summer theatre. Formerly a professor of English and Director of Dramatics at Wells College, he staged all of the plays offered there from 1940 to 1946. He has served as visiting professor in summer sessions at University of Southern California, Brandeis, Pennsylvania, Cornell and Harvard Universities. In recent years he has directed productions of the Princeton Community Players.

During 1953-54 he was lecturer in American Drama at the University of Copenhagen, and also lectured at Aarhus, Lund, Upsala, Oslo, Rome, Gröningen, the Netherlands and Frankfurt. In 1959 he conducted a course in American Drama at the Salzburg Seminar in American Studies.

UNIVERSITY COLLEGE

Department of English

THE ALEXANDER LECTURES 1962-1963

"THE GARDEN AND THE CITY: The Theme of Retirement in Pope"

by

PROFESSOR MAYNARD MACK
Yale University

Monday, March 11

"Poet in a Landscape"

Tuesday, March 12

"The Shadowy Cave"

Wednesday, March 13

"The Happy Man"

Hart House Theatre, at 4.30 p.m.

MARCH EVENTS

1 FRIDAY

Lecture

School of Graduate Studies, Department of Near Eastern and Islamic Studies. "Islam: Essential Beliefs and Practices". Prof. George F. Hourani, University of Michigan. Room 2127, Sidney Smith Hall. 4.10 p.m. Seminar on "The History of Arabic Studies in the Western World" at 8 p.m. in Howard Ferguson Common Room, Sir Daniel Wilson Residence.

Theatre

"The Man Who Married a Dumb Wife" and "Great Catherine" presented by Hart House Theatre under the direction of Robert Gill. Feb. 22 to March 2 inc. 8.30 p.m.

Athletics

Basketball. Assumption at Varsity. Hart House. 8.30 p.m.

2 SATURDAY

Lecture

Royal Canadian Institute. "Developments in Telecommunications". A. G. Lester, Vice-President (Engineering), the Bell Telephone Company of Canada, Montreal. Convocation Hall. 8.15 p.m.

3 SUNDAY

Music Hart House Sunday Evening Concert. Hart House Glee Club. Great Hall. 9 p.m.

4 MONDAY

Lecture Trinity College Public Lecture. "Faith and Philosophy: A Challenge Faced". Canon Ian T. Ramsey, Nolloth Professor of the Philosophy of the Christian Religion, Oxford University. Seeley Hall. 4.30 p.m.

5 TUESDAY

Meeting Academy of Medicine Stated Meeting. "Pulmonary Emphysema: Public Health Challenge and Clinical Enigma". Dr. D. V. Bates, McGill University. Osler Hall. 8.30 p.m. Dinner at University Club. 6.30 p.m.

Lecture School of Graduate Studies, Institute of Bio-Medical Electronics. "The Future of Medical Engineering". Dr. J. H. U. Brown, Chief of Special Resources Branch, United States National Institutes of Health. Room 244, Galbraith Building. 4 p.m.

6 WEDNESDAY

Music Hart House Noon-Hour Concert. Bill Mitchell (folk-singing). East Common Room. No tickets necessary. 1.15 p.m.

Seminar Institute of Computer Science. "Construction of Algebraic Compilers for Small Computers". E. S. Lee and J. A. Field. Room 101, McLennan Laboratory. 4 p.m.

7 THURSDAY

Lectures Royal Ontario Museum Spring Lecture Series. "Looking at Birds". John Livingston, Program Director of Science Broadcasting, CBC. Museum Theatre. 8.30 p.m.

Academy of Medicine—The Marlow Lecture. "Pregnancy and Labour Following Cesarean Section". Dr. R. Gordon Douglas, Cornell University Medical College, New York. Osler Hall. 8.30 p.m. Dinner at Park Plaza Hotel. 6.30 p.m.

8 FRIDAY

Music CBC Celebrity Series. Concert by Janos Starker, cellist. Great Hall, Hart House. Tickets at Hall Porter's desk. 8.30 p.m.

Lecture Royal Astronomical Society of Canada, Toronto Centre. "Recent Developments in the Study of Radio Sources". Dr. Thomas A. Matthews, Owens Valley Radio Observatory, California Institute of Technology. Room 1035, Wallberg Building. 8 p.m.

9 SATURDAY

Lecture Royal Canadian Institute. "Wild Life Studies in Australia". Dr. Allen Keast, Queen's University. Convocation Hall. 8.15 p.m.

11 MONDAY

Lectures University College—The Alexander Lectures. "The Garden and the City: The Theme of Retirement in Pope". Prof. Maynard Mack, Yale University. March 11, 12 and 13. Hart House Theatre. 4.30 p.m.

Music Organ Recital by Mr. John R. L. Sidgwick. Convocation Hall. 5 p.m.

14 THURSDAY

Lectures Royal Ontario Museum Series. "African Wildlife". Dr. C. H. D. Clarke, Chief, Fish and Wildlife Branch, Ontario Department of Lands and Forests. Museum Theatre. 8.30 p.m.

Archaeological Institute of America, Toronto Society. "Laocoon Reappraised". Prof. Gilbert Bagnani. Museum Theatre. 4.30 p.m.

Music Faculty of Music Special Events. The Canadian String Quartet. Concert Hall, Edward Johnson Building. 8.30 p.m.

16 SATURDAY

Lecture Royal Canadian Institute. "How to Drive the Cancer Devil out of Cigarette Smoke". Dr. George F. Wright. Convocation Hall. 8.15 p.m.

18 MONDAY

Lecture The Edward Stone Lectureship in Drama. Prof. Alan S. Downer, Department of English, Princeton University. Part I: "The Hero in American Drama". Hart House Theatre. 4.30 p.m.

20 WEDNESDAY

Lecture The Edward Stone Lectureship in Drama. Prof. Alan S. Downer. Part II: "Tragedy and the Pursuit of Happiness." Hart House Theatre. 4.30 p.m.

21 THURSDAY

Lecture Royal Ontario Museum Series. "Art and Architecture of Pre-Columbian Mexico". Dr. George A. Kubler, Professor of History of Art, Yale University. Museum Theatre. 8.30 p.m.

22 FRIDAY

- Lecture Royal Astronomical Society of Canada, Toronto Centre. "The Casselgrainian Telescope". Members of the Centre's Telescope Makers Group. Room 1035, Wallberg Building. 8 p.m.
- Meeting Academy of Dentistry Third Stated Meeting. "The Dental Operating Team". Dr. Edgar M. Miller. Seaway Hotel. 9 a.m. to 5 p.m.

23 SATURDAY

- Lecture Royal Canadian Institute. "Biosciences Research and Space Research". Dr. Morley G. Whillans, Assistant Chief Scientist and Director of Biosciences Research, Defence Research Board. Convocation Hall. 8.15 p.m.
- Theatre Willy Blok Hanson Dance Concert. Hart House Theatre. 8 p.m.

24 SUNDAY

- Music University of Toronto Concert Band's Inaugural Concert. Prof. Robert A. Rosevear, conductor; Prof. Ezra Schabas, assistant conductor. MacMillan Theatre, Edward Johnson Building. 8.30 p.m.

25 MONDAY

- Music Organ Recital by Mr. David Ouchterlony. Convocation Hall. 5 p.m.
- Theatre Central Ontario Drama League Festival. Hart House Theatre. March 25 to 30 inc. 8 p.m.

26 TUESDAY

- Lecture The Sir Robert Falconer Lectureship. "Towards a World of Plenty". Barbara Ward. Part I: "Growth in Developed Economies". Convocation Hall. 8.30 p.m.

27 WEDNESDAY

- Lecture The Sir Robert Falconer Lectureship by Barbara Ward. Part II: "Poverty and Expansion". Convocation Hall. 8.30 p.m.

28 THURSDAY

- Lecture Royal Ontario Museum Series. "The Appreciation of Indian Sculpture". Mr. John Irwin, Keeper, Indian Section, Victoria and Albert Museum. Museum Theatre. 8.30 p.m.

30 SATURDAY

- Lecture Royal Canadian Institute. "Archaeology of the Canadian Eskimos". William E. Taylor, Acting Senior Archaeologist and Arctic Archaeologist, National Museum of Canada. Convocation Hall. 8.15 p.m.

31 SUNDAY

- Open House Hart House Visitors' Sunday. Members are invited to bring their families and friends. 2 to 5 p.m. Tea in the Great Hall from 3 to 4.30 p.m.

APRIL

5 FRIDAY

- Music Royal Conservatory Opera School. Two one-act operas: The first Toronto performance of "Silent Night" (La Notte di un Nevraštenico) by the contemporary Italian composer, Nino Rota; and the first performance anywhere of "Aria da Capo", the first opera written by Raymond Pannell, and the first occasion on which the Opera School has produced a Canadian opera. "Aria da Capo" will be produced by Herman Geiger-Torel and conducted by Dr. Ettore Mazzoleni. "Silent Night" (to be sung in English) will have Andrew MacMillan as producer and Ernesto Barbini, conductor. Hart House Theatre. Repeated April 6. 8.30 p.m.
- Meeting Royal Astronomical Society of Canada, Toronto Centre. Members' Night—Film program and preview of the General Assembly program. Room 1035, Wallberg Building. 8 p.m.

17 WEDNESDAY

- Lecture Archaeological Institute of America, Toronto Society. "The Trojan War". Dr. Emily Townsend Vermeule, Boston University. Museum Theatre. 4.30 p.m.

Exhibitions

"Art Treasures of the Royal Ontario Museum"—one hundred art treasures in the Art and Archaeology Division's collection. To March 17.

"Canadiana Treasures: 25 Years". Canadiana Gallery. To September, 1963.

Work of Gordon S. Adamson and Associates (which will include working and other drawings of the Victoria College Library) on

exhibition at the School of Architecture. March 1-15.

At the Hart House Art Gallery: Continuation of 41st Annual Photography Exhibition until March 3; The Globe and Mail Collection of Stratford Portraits, March 5 to 18; British Graphic Art, March 19 to 31. Open 10 a.m. to 10 p.m. daily (Ladies, 2 to 5 p.m.).

Summer Swimming Program for Children

For the sixth summer, the University's Athletic Association, in co-operation with the University Settlement, will offer swimming courses during May, June and July for children of university staff, graduates, undergraduates and a limited number of friends. The program provides instruction in stroke improvement, water safety and life saving. Instructors are qualified in both the Red Cross Water Safety Service and the Royal Life Saving Society.

Boys and girls from 8 to 16 who can swim 20 yards may enrol in the Hart House pool classes. Children outside this age group or unable to swim the 20 yards may enrol in the special courses at the University Settle-

ment pool. Those 16 years old and over who wish to enrol should see Prof. M. G. Griffiths.

There are three units of instruction for those using the Hart House pool: one from May 21 to June 14; one from June 19 to July 12; and one from July 15 to Aug. 9. The last will include fundamentals of canoeing, speed swimming, diving and skin diving on a recreational basis. Cost is \$6 for one unit, \$11 for two, or \$15 for all three.

Courses in the University Settlement pool also run from May 21. A nominal fee of 50¢ includes all classes given there.

For additional information telephone the Athletic Wing, Hart House, at WA 3-1107, or University Settlement at EM 4-9133.

NOTES

Administration

PRESIDENT CLAUDE BISSELL spoke on "Education and Power" at the Graduation Exercises of the University of Michigan on Jan. 26, and received the honorary degree of Doctor of Laws. On Feb. 22 Dr. Bissell gave the address, on "The Independence of Universities", at the Mid-Year Commencement of the State University of New York at Buffalo.

Arts and Science

PROF. A. D. ALLEN gave a lecture entitled "The Structural Approach to Chemistry Teaching" at the University of Waterloo on

Feb. 9, as part of a series of lectures being given to high school science teachers.

PROF. J. M. DECKERS has just been elected a member of the New York Academy of Sciences.

PROF. D. J. LE ROY gave a talk to the University Chemical Club on "Lash Miller and a History of Chemistry at the University of Toronto" on Jan. 23.

PROF. M. W. LISTER spoke on "Diamagnetic Susceptibility and Molecular Structure" at the University of Western Ontario on Jan. 24.

PROF. G. F. WRIGHT has been nominated as president-elect of the Chemical Institute of Canada for 1963-64.

PROF. KEITH YATES lectured on "The

Kinetics of Some Fast Halogenation Reactions" at the Royal Military College, Kingston, on Jan. 17, and at National Research Council, Division of Pure Chemistry, on Feb. 14.

PROF. PETER YATES continued his lecture tour under the sponsorship of the Chemical Institute of Canada, speaking on Jan. 23 and 24 at Essex College, Windsor, and the Ontario Agricultural College, Guelph on "Photodimerization of $\alpha\beta$ -Unsaturated Carbonyl Compounds". He spoke at the University of New Brunswick on Feb. 15 on "The Photochemistry of α -Pyrones".

DR. A. D. WESTLAND, University of Ottawa, gave a colloquium in the Department of Chemistry on "Some Experimental Studies Concerning Small d -Orbitals in Transition Metal Compounds" on Jan. 25.

Seminars held recently in the Department of Geological Sciences have been given by DR. CARL BRANSON, Director of the Oklahoma Geological Survey, on "The Pennsylvanian System in the United States"; DR. CHARLES F. DAVIDSON, University of St. Andrews, Scotland, on "Chemical History of the Earth"; and DR. A. J. FREUH, McGill University, on "Polymorphism and Geologic Thermometry" and "A Modern Approach to the Stability of Sulphide Minerals". Dr. Davidson also gave two lectures on "Syngensis versus Epigenesis" and one on "The Diamond Fields of Siberia" under the American Geological Institute's 1963 Visiting International Scientists' Program.

PROF. H. ALLEN BROOKS attended the annual meetings of the Society of Architectural Historians and the College Art Historians held in Baltimore, Jan. 24-26. He was chairman of a session devoted to "Modern Architecture: the Era of World War I and its Aftermath", for the Society of Architectural Historians, and also attended its Board of Directors' meeting.

MR. TED BIELER's sculpture "Inside-Out Figure" was in the Royal Canadian Academy exhibition at the Art Gallery of Toronto in January.

DR. J. W. GRAHAM attended meetings of the Archaeological Institute of America in Baltimore, Dec. 28-30, and read a paper on "The Athens Gallery".

During his visit to the Department of History at the end of January, PROF. C. P. FITZGERALD of Australian National University gave two public lectures on "China: Impact of Tradition on Revolution", and held seminars for the staff, and for students in courses in Far Eastern History.

PROF. R. M. SAUNDERS addressed the staff

and students in History at McMaster University on Dec. 11 on "Current Articles in Historiography"; and on Feb. 14 he spoke to the Clio Club at the University of Western Ontario where his subject was "In Search of History".

PROF. BERTIE WILKINSON has been invited to spend a year (1963-4) at the Institute of Advanced Study, in Princeton. He has been granted a fellowship for 1963-4 by the American Council of Learned Societies.

PROF. J. H. PARKER lectured on "Lope de Vega", in commemoration of the quadricentennial of the dramatist's birth, at McMaster University, on Feb. 20.

As chairman of the Toronto Men's Branch of the Canadian Institute of International Affairs, PROF. H. I. MACDONALD led a four-day study tour of members on Jan. 19 to NORAD and SAC Headquarters. Members of the University staff participating in the tour were PROFS. GEORGE A. BROWN and JAMES EAYRS, MR. ARTHUR KILGOUR, PROFS. G. B. LANGFORD, ROSS LORD, JOHN POLANYI, and R. A. SPENCER. Prof. Macdonald also participated in the program of the Canadian Institute on Public Affairs Winter Conference, Feb. 8-10, on the question "Does Canada Need Planning?"

PROF. S. G. TRIANTIS attended the meetings of the American Economic Association held in Pittsburgh, Dec. 27-29. He also participated in a symposium on "The Role of Natural Resources in International Development", sponsored by Resources for the Future, Inc., and held in Washington, D.C., Jan. 28-29. During Feb. 8-10 he participated in the Ninth Winter Conference of the Canadian Institute on Public Affairs.

PROF. A. AMSEL was the colloquium speaker for the Department of Psychology at the University of Pennsylvania on Feb. 6. The title of his address was "Psychological Mechanisms of Persistence". Prof. Amsel is to speak to the graduate colloquium at the University of Indiana on March 15 on the topic "Frustrative Factors in Discrimination Learning and Partial Reinforcement".

PROF. D. E. BERLYNE has been appointed a member of the Human Resources Advisory Committee of the Defence Research Board. Prof. Berlyne was invited to give two addresses at Dalhousie University on Jan. 18. The titles of the talks were "How do we Recognize Temporal Order?" and "Psychology in the Soviet Union".

PROF. G. MANDLER participated in a symposium on "The Place of Clinical Psychology in the University Curriculum" at the Ontario

Psychological Association meeting on Feb. 8 in Kingston.

PROF. ENDEL TULVING addressed the Psychology colloquium at McGill University on Feb. 8 on "Why is Immediate Memory Limited?"

PROF. H. L. WELSH gave a lecture on "Spectroscopy at High Pressures" to the Canadian Association for Applied Spectroscopy at Montreal on Jan. 15, and on Feb. 5 spoke on "Molecular Physics Research at Toronto" at Memorial University, St. John's.

PROF. D. G. IVEY spoke on "Science Education" to the Deep River Science Association on Feb. 1.

PROF. D. S. AINSLIE gave a paper entitled "Construction and Uses of Equipment for Demonstrating the Fundamental Principles of Electrostatics" at the annual meeting of the American Association of Physics Teachers in New York.

PROF. R. D. RUSSELL presented a lecture on "Geophysical Research with a Mass Spectrometer" at the Physics Departments of the Universities of Laval, Bishop's and Sherbrooke, McGill and Montreal, on a lecture tour sponsored by the Canadian Association of Physicists.

PROF. LEONID J. STRAKHOVSKY gave three recorded interviews to the International Section (Russian Branch) of the CBS on (1) The Department of Slavic Studies; (2) *Sovremennik*, a journal of Russian culture and national thought (in Russian), of which Prof. Strakhovsky is editor-in-chief; and (3) Prof. Strakhovsky's literary and scientific career. These have been broadcast to countries beyond the "iron curtain".

DR. J. MURRAY SPEIRS acted as secretary at the sixteenth meeting of the Canadian Committee on Freshwater Fisheries Research held at Ottawa on Jan. 7 and attended the annual meeting of the Canadian Society of Zoologists on the following day.

DR. W. G. FRIEND spoke to the Amoeba Watchers' Society on Jan. 31. His subject was "Some of the Consequences of Accepting the Current Hypothesis Concerning the Origin of Life on this Planet".

DR. C. E. ATWOOD spoke to the Workers' Educational Association on Feb. 12 on "Insect and Plant Diseases".

University College

PROF. CLIFFORD LEECH delivered a lecture to the Humanities Association at McMaster University on Feb. 14 on "Drama: the Function of the Critic". He also delivered

the Woodward Lecture at Yale University on Feb. 7 on "*The Servants Will Do That for Us: The Poet's Withdrawal from the World*"; lectured at the University of Chicago on Jan. 17 on "*Antony and Cleopatra* and the Limits of Tragedy"; and at the State University of Iowa on Jan. 18 on "English Drama Without Aristotle".

Victoria College

PRINCIPAL NORTHROP FRYE gave the Sheble Lecture at Bryn Mawr on Feb. 18.

PROF. KATHLEEN COBURN delivered the 54th Annual Warton Lecture on English Poetry for the British Academy on Feb. 13. Her subject was "Coleridge on the Interpenetration of Man and Nature".

At the December meetings of the Modern Language Association in Washington, PROF. DONALD GREENE became chairman of English Group VIII (Later Eighteenth Century).

PROF. F. D. HOENIGER attended the annual meeting of the Council of the Renaissance Society of America in New York on Jan. 26 as delegate of the Society's North-Central Section.

PROF. PETER BUITENHUIS gave a lecture to the Humanities Association of Hamilton on Feb. 23 on "Arthur Miller and the American Dream".

Emmanuel College

PROF. G. W. BOYCE attended a conference on Psychological Testing for Theological Students at Hartford, Conn.

PROF. W. O. FENNELL was chairman of a regional conference of Professors of Systematic Theology which met in Toronto under the auspices of the American Association of Theological Schools.

Medicine

DR. R. M. TAYLOR has been appointed chairman of the Commission on Cancer Control of the International Union Against Cancer.

At the annual meeting of the Canadian Society for Clinical Investigation held in Edmonton on Jan. 16, Drs. J. H. CROOKSTON, E. A. MURPHY, J. C. SCOTT and J. F. MUSTARD were co-authors of a paper on "Blood Coagulation and Platelet Economy in Subjects with Myeloproliferative Disorders". Drs. J. R. EVANS, R. W. GUNTON, D. S.

BEANLANDS and R. G. BAKER presented "Photoscans of the Heart with Radioiodinated Fatty Acid (RIFA)". Drs. ROBT. VOLPÉ, CALVIN EZRIN, M. W. JOHNSTON, JAS. A. DAUPHINEE and Miss A. BRITTON, M.A., presented "The Effects of Varying Experimental Conditions on the Serum Binding of Thyroxine and Triiodothyronine".

At the annual meeting of the Royal College of Physicians and Surgeons of Canada in Edmonton, Jan. 17-19, Dr. R. W. GUNTON presented "Use of Radio-isotopes to Estimate Myocardial Blood Flow: Preliminary Studies of External Myocardial Photoscanning". Co-authors were Drs. J. R. EVANS, D. S. BEANLANDS and R. C. BAKER. Dr. H. J. M. BARNETT read a paper on "Neuralgic Amyotrophy—A Clinical Entity Mistaken for Cervical Disc Syndrome". Drs. E. R. YENDT and B. J. HUNT presented "The Response of Hypercalcaemia in Sarcoidosis to Chloroquine". An interesting case presentation was that of Drs. ROBERT VOLPÉ and DONALD W. CLARK entitled "Evidence Favours the Sarcomatous Origin of an Insulin-like Substance in a Case of Fibrosarcoma with Hypoglycaemia". Dr. W. B. SPAULDING with Drs. W. O. SPITZER and P. W. TRUSCOTT presented "Aglycosuric Diabetes".

Dr. E. A. McCULLOCH gave the McGuffin Memorial Lecture to the Calgary and District Medical Society on Jan. 21 on the subject "Viral Carcinogenesis".

At the meeting of the Association for Research in Ophthalmology, East Central Section, held in Buffalo in January, Dr. J. S. SPEAKMAN gave a paper on "Pathological Findings in a Case of Primary Congenital Glaucoma"; Drs. J. J. KAZDAN and R. K. MACDONALD on "The Effect of Digoxin on Experimental Glaucoma"; Drs. P. SARKAR and P. K. BASU on "Karyological Studies on Mammalian Cornea"; Drs. N. A. WINE, A. G. GORNALL and P. K. BASU on "The Total Ocular Uptake and Routes of Penetration of C¹⁴ Labelled Hydrocortisone Following Subconjunctival Administration"; and Dr. R. C. FRENCH and Mrs. Z. DUMA on "Protein Metabolism in the Rabbit Cornea".

Dr. G. W. CROCK, formerly of the Institute of Ophthalmology and Moorfields Eye Hospital, London, visited the Department of Ophthalmology on his way to Melbourne, Australia, where he is taking up the position of Professor of Clinical Ophthalmology at the University there.

Dr. T. D. R. BRIANT has just returned from a year in England where he undertook special studies at the Ferens Institute and

also held a clinical appointment in the Middlesex Hospital.

Drs. G. D. SNELL, W. S. GOODMAN and H. O. BARBER have been accepted into membership of the American Laryngological, Rhinological and Otolological Society.

Dr. JOSEPH FARKASHIDY gave a paper at the Eastern Section meeting of the American Triological Society in Pittsburgh on Jan. 11 on "The Effect of Toxic Antibiotics on the Internal Ear". Dr. Farkashidy was also invited to speak at the monthly seminar of the Department of Otolaryngology, University of Illinois, in February and presented a paper on "Electronmicroscopic Studies of the Inner Ear".

Law

Prof. EDWARD McWHINNEY addressed the R.C.A.F. Staff College and the United States Air Force Command at a joint meeting on Jan. 31 on the subject of "The NATO Alliance Today: The Role of the Smaller Powers in the Western Military Alliances".

Applied Science and Engineering

In honour of Mr. W. S. WILSON, former assistant dean and secretary of the faculty, now registrar of New College, silver medals, donated anonymously, will be awarded to the student in each graduating course who, attaining honours, achieves the highest standing in the final year of his course.

Prof. B. ETKIN attended the annual meeting of the Institute of Aerospace Sciences in New York, Jan. 21-23. He was chairman at a meeting of the National Research Council Associate Committee on Aerodynamics in Ottawa on Jan. 28.

Dr. J. H. DE LEEUW attended a meeting of the Sub-Committee on High Speed Aerodynamics to the National Research Council Associate Committee of Aerodynamics in Montreal, Jan. 18. He attended a meeting of the N. R. C. Associate Committee in Ottawa, Jan. 18.

Dr. H. S. RIBNER served on the Committee of Fellows of the Canadian Aeronautics and Space Institute which convened to make recommendations for awards in Montreal, Feb. 6.

Prof. S. SANDLER attended the International Symposium on Advances in Gas Chromatography in Houston, Texas, Jan. 21-24.

Prof. W. H. RAPSON attended the 59th

meeting of the Council of the Chemical Institute of Canada as Councillor for the Toronto Electoral District at the Seignory Club, Montibello, Quebec, Jan. 26-27. He also presented a paper with C. B. Anderson on "Multistage Bleaching with Peroxide and Chlorine Dioxide" at the annual meeting of the Technical Association of the Pulp and Paper Industry in New York, Feb. 18-21.

PROF. C. F. MORRISON was elected as an Honorary Member of the Ontario Association of Architects at the Association's Annual Dinner in Toronto, Feb. 9.

PROFS. O. J. MARSHALL, H. L. MACKLIN, B. J. HAYNES and S. J. G. BIRD attended the 71st Annual Convention of the Ontario Land Surveyors held in Toronto, Feb. 11, 12 and 13, at which Prof. Marshall presented a report on the meetings of the 10th International Congress of Federation Internationale Geometres in Vienna in August 1962.

PROF. H. L. MACKLIN has been elected chairman of the Toronto Branch of the Engineering Institute of Canada for the year 1963-64.

PROF. P. P. BIRINGER was appointed a member of the Steering and Management Committee of the 1963 International Conference on Nonlinear Magnetics.

PROFS. BIRINGER, W. JANISCHEWSKYJ and G. R. SLEMON attended the Winter General Meeting of the I.E.E.E. in New York City, Jan. 28-30.

Prof. Slemon also attended the Eastern District Meeting of the Canadian Electrical Association in Quebec City, Jan. 21-24.

PROF. K. B. JACKSON, MR. J. VLCEK and MR. D. J. GERRARD attended the annual meeting of the Canadian Institute of Surveying in Ottawa, Feb. 6-9.

Education

PROF. H. O. BARRETT was a consultant at the Professional Development Day Conference held by District 18 (North York) O.S.S.T.F. at the King Edward Hotel, Feb. 15. He is appearing as Career Counsellor on the eleven-week CTV series entitled "Careers" sponsored by the Shell Oil Company of Canada, and designed to be of interest to high school students and their parents. Various professional careers are discussed and stress is laid on the value of further education.

PROF. W. G. FLEMING addressed an NFCUS-SCM sponsored seminar on education at Queen's University on the topic "Education for Whom?" on Feb. 2.

PROF. G. E. FLOWER addressed the annual convention of the Ontario Association of School Business Officials Jan. 9 on "Cases and Concepts"; he spoke to the Toronto Teachers' Language Arts Association, Feb. 5, on "Spellbound: Too Bee or Not To Be".

PROF. G. E. TAIT addressed the separate school teachers of the Niagara Peninsula, Jan. 31 in St. Catharines, on the subject "Teaching of Social Studies".

Forestry

DEAN J. W. B. SISAM and PROF. E. JORGENSEN were members of panel discussions at the annual meeting of the Ontario Professional Foresters Association held in Toronto, Jan. 21, Dean Sisam on "Achievements and Long-Term Objectives of the Association", and Prof. Jorgensen on "Dutch Elm Disease".

PROF. JORGENSEN presented a paper entitled "Cost and Economy of a Dutch Elm Disease Control Programme" at the First Symposium on Shade Trees sponsored by the University on Jan. 28.

PROF. K. A. ARMSON was elected vice-president and PROF. D. V. LOVE a councillor of the Ontario Forestry Association at their annual meeting, Jan. 23. At this meeting, Prof. Armson presented a paper on the topic "Helping Teachers Teach Conservation".

PROF. ARMSON was a member of a panel which discussed the question "Are you an Accomplice in Contributing to the Scientific Illiteracy of the Present Generation?" at the Toronto Public School Science Fair held at the Education Centre, Toronto, Feb. 13-15.

DR. R. W. KENNEDY presented a paper entitled "The Role of the Wood Technologist in the Pulp and Paper Industry" at the annual meeting of the Technical Section of Canadian Pulp and Paper Association held in Montreal, Jan. 22-23. He also presented a paper entitled "Education for Careers in the Forest Products Industries" at the annual meeting of the Canadian Lumbermen's Association in Montreal on Feb. 11-12.

Dentistry

Under the Extramural Lecture Plan the following will be the speakers: DR. R. S. LOCKE at the Peterborough & District Dental Society on Mar. 6; DR. D. G. COBURN at the Ottawa Dental Society on Mar. 18; DR. J. SIM at the Kingston and District Dental Society on Mar. 20; DR. C. ADAMS at the

Wingham & District Dental Society on Mar. 27.

DEAN R. G. ELLIS will attend the annual meeting of the Council on Education of the Canadian Dental Association in Toronto Mar. 21 and 22.

DRS. G. NIKIFORUK, K. J. PAYNTER, J. G. DALE, R. C. BURGESS, E. MADLENER and M. HUNT will attend the Forty-first Annual Meeting of the International Association for Dental Research to be held in Pittsburgh Mar. 21 to 24. Several members of the staff will present reports on research projects being undertaken in the Division of Dental Research.

DR. P. G. ANDERSON will participate on the program of the Fortieth Annual Meeting of the American Association of Dental Schools to be held in Pittsburgh Mar. 24 to 27. Other members of the staff who will be present at this meeting include DRs. R. G. ELLIS, R. M. GRAINGER, J. H. JOHNSON, M. JACKSON and K. J. PAYNTER.

Architecture

PROF. A. J. DAKIN attended the United Nations Conference in Geneva in February on "The Application of Science and Technology for the Benefit of the Less Developed Countries". He was a member of the Canadian delegation headed by Dr. J. W. T. SPINKS, president of the University of Saskatchewan, and contributed a paper entitled "Urbanization—A Tool for Technological and Social Advance".

PROF. R. H. GROOMS gave a lecture on "Japanese Architecture, Gardens and Townscape" before the Madoc School of Art annual meeting on Feb. 3.

Music

MAESTRO ERNESTO BARBINI has received from the president of the Republic of Italy the title "Knight Officer of the Order of Merit of the Italian Republic" in recognition of his contribution in spreading Italian musical culture abroad.

MRS. EDITH MILLIGAN has been appointed information officer of the Faculty of Music.

PROF. OSKAR MORAWETZ will have two premieres in April: his first piano concerto played by Neil Chotem and the Montreal Symphony Orchestra under Zubin Mehta, and a work for cello and piano commissioned by the CBC and played by Laszlo Varga and Pierre Souverain. On the CBC Celebrity

Series, BETTY JEAN HAGEN will play his *Duo* for violin; and his *Overture to a Fairy Tale* will be played in March by the Prague Radio Orchestra.

DR. CHARLES PEAKER played dedicatory recitals in St. John's Lutheran Church, Waterloo, and St. Michael's Cathedral, Toronto, and was a panelist on church music in Beth Tzedec Synagog on Jan. 13.

A farewell party by the Royal Conservatory Faculty Association and the Alumni Association (Toronto Chapter) was held on Feb. 16 at the 135 College Street location. Entertainment in a nostalgic mood was followed by a reception.

Pharmacy

The first of a series of annual conferences between the members of the staff of the Faculty of Pharmacy, University of Montreal, and the Faculty of Pharmacy, University of Toronto, was held in Montreal. DEAN HUGHES and nine members of the staff from Toronto participated in the program, which included discussion of the following topics: "Hospital Pharmacy and the Curriculum", "Training for Industrial Pharmacy", "Continuing Education of Pharmacists", and "Graduate Studies and Research in Pharmacy". The conference for the session 1963-64 will be held on the Toronto campus.

Hygiene

DR. A. J. RHODES has been nominated to join a travelling seminar to Europe, from April 20 to May 20, arranged by the Pan American Health Organization and the World Health Organization. The group will consist of deans and directors of the 14 North American Schools of Public Health who will visit corresponding institutions in Edinburgh, London, Leyden, and Zagreb. Meetings will also be held in Geneva.

DR. DONALD M. MCLEAN presented a paper entitled "Unexpected Clinical Associations with Poliovirus Infections" at the annual meeting of the Canadian Society for Clinical Investigation at Edmonton, Jan. 16.

The School of Hygiene's Sixth Annual Refresher Course, held Feb. 4-8 had a registration of 90 public health workers from all parts of Canada, exceeding the numbers attending previous refresher courses. Registrants included medical health officers, practising physicians, dentists, veterinarians,

nutritionists, microbiologists, nurses and sanitarians. Subjects covered centred around nutrition, dental health, infectious diseases, and environmental health. DR. W. M. PARTINGTON, Queen's University, and DR. J. A. F. STEVENSON, University of Western Ontario, joined University staff members in presentations on "Nutritional Problems of Infants and Children" and "Overnutrition as a Public Health Problem". One day's lectures were held at the Dental Building, where members of the Faculty of Dentistry discussed dental caries, periodontal disease and malocclusion problems. DR. D. A. HENDERSON, Chief of Epidemic Intelligence for the United States Public Health Service, gave a paper on "Recent Studies of Viral Hepatitis" and also was the speaker at a dinner meeting. The final day of the course was devoted to practical demonstrations in microbiology, atmospheric pollution, ionizing radiation and physical fitness, displays of new publications and audio-visual aids, and showings of films.

PROF. EUGENIE M. STUART participated as a group leader in the three-day management meeting at the Sixth Congress on Administration of the American College of Hospital Administrators held in Chicago, Jan. 31-Feb. 2.

DR. REINO S. FREEMAN was chairman and presented a paper in the symposium on "Parasites of Fish" at the annual meetings of the Canadian Committee on Freshwater Fisheries Research in Ottawa on Jan. 8.

Nursing

The Rockefeller Foundation has made available the sum of \$3,000 or as much thereof as may be necessary, for use by the School for travel grants for faculty members to observe selected nursing programs in the United States and Canada. This sum is for use over a two-year period beginning Mar. 1.

Social Work

DR. TADEUSZ GRYGIER addressed the Law School, Wayne State University, Detroit on Feb. 15 on the subject of "Jurisprudence in the Field of Juvenile Crime".

PROF. E. PERRETZ spoke to the Council on Social Work Education at the annual meeting held in Boston on Jan. 23. His subject was "Making Social Science Concepts Explicit in Human Growth and Be-

haviour Content and Social Work Education".

PROF. B. LAPPIN who attended the annual meeting of the Council on Social Work Education in Boston made an address to the Council entitled "Knowledge Underlying the Teaching of Community Organization".

PROF. J. MORGAN is a consultant on social welfare policies and programs for national societies as a member with the International Welfare Experts at the request of the League of Red Cross Societies, Geneva, Switzerland.

Computer Science

PROF. C. C. GOTLIEB delivered two lectures at the National Research Council, Ottawa, in their lecture series on "Numerical Analysis and Computation" on Jan. 21. The topics were: "Theoretical Formulations of Data Processing" and "The ALGOL Dilemma".

Business

PROF. W. B. COURTTS delivered a paper entitled "The Budget and the Marketing Plan" to one of the series of "Workshops Marketing Management" conducted by the Toronto Chapter of the American Marketing Association on Feb. 5.

PROF. JOHN H. G. CRISPO attended the Third National Joint Labour-Management Seminar under the auspices of the National Productivity Council in Saskatoon on Jan. 23 and 24.

PROF. J. A. SARJEANT gave an address on "Methods of Business Education—Cases and Games" to the Professional Development course of the Toronto Section of the Engineering Institute of Canada on Jan. 21 and 28. He was appointed to the Advisory Council for the Industrial and Business Management Technology course at the Hamilton Institute of Technology.

The Library

R. G. PRODRICK recently visited Western Canadian university libraries including those at the University of British Columbia, Alberta, Saskatchewan and Manitoba.

Resources of Canadian University Libraries for Research in the Humanities and Social Sciences, the report of a survey conducted

by EDWIN E. WILLIAMS, Harvard University Library, for the National Conference of Canadian Universities and Colleges, has recently been published. Copies of the 87-page report are available from the N.C.C.U.C., Ottawa for \$1 each.

The Press

The following have been published by the Press since the February issue of the *Bulletin*:

A Bibliography of the Works of Sir Winston Churchill, KG, OM, CH, MP. By Frederick Woods. \$14.00

The Economic Effects of Disarmament. By The Economist Intelligence Unit. \$5.00
Culture Collections: Perspectives and Problems. Edited by S. M. Martin. \$8.00

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Other Books

The Arden Shakespeare: Pericles. Ed. F. D. Hoeniger. Methuen & Co. Ltd., London, and Harvard U.P., Cambridge, Mass. 1963

Lope de Vega, *El galán de la Membrilla*, edición crítica y anotada por Diego Marín y Evelyn Rugg. Madrid, Real Academia Española, Anejo VIII. 1962

Polish-Soviet Relations, 1932-1939. By Bohdan B. Budurowycz. Columbia University Press.

Royal Ontario Museum

DR. V. B. MEEN attended the meetings of the Geological Society of America and the Mineralogical Society of America in Houston, Texas, in November. In mid-January he addressed the geology and geography students of Wayne University, Detroit on "The Geology of the Burma Ruby Fields"; the members of the Cranbrook Institute of Science and the annual dinner meeting of the Michigan Mineralogical Society on the subject "Burma, the Land of the Ruby and Jade". He gave the same address to the Lyceum Club and Women's Art Association of Canada, Peterborough.

DR. WALTER TOVELL was appointed to the Information and Education Advisory Board of the Metropolitan Toronto and Region Conservation Authority, and also

serves on the Technical Sub-committee on Nature Programme of that Board.

MR. J. B. HILLEN visited the following museums during December and January: Museum of Natural History, Minneapolis; County Museum, Museum of Southern California, and Museum of Science and Technology, Los Angeles; University Museum, and Sonora Desert Museum, Tucson; Fine Arts Museum, and Museum of Natural History, Denver; Cranbrook Museum, Detroit; Oriental Museum, Lizzadro Museum, Museum of Science and Technology, and Museum of Natural History, Chicago.

DR. W. E. SWINTON gave a lecture on Feb. 6 in the National Museum, Ottawa, on "How Can Museums Advance Science?" On March 6 Dr. Swinton is giving one of the University of Saskatchewan's public lectures at Saskatoon.

DR. A. D. TUSHINGHAM has been appointed a member of the Toronto Historical Board for another three-year term, as vice-chairman.

MISS WINIFRED NEEDLER and DR. G. F. DALES have received grants from the Canada Council for work in Nubia with the Egypt Exploration Society. Miss Needler left in November for a six-month excavation at Buhen, Republic of the Sudan, and Dr. Dales left in January for a three-month archaeological survey at Qasr Ibrim, Egypt.

MR. HENRY TRUBNER and DR. HSIO-YEN SHIH expect to attend the annual meeting of the American Oriental Society in Washington, D.C., March 26-28.

MR. SCOTT SYMONS spoke to the Oshawa Historical Society on Jan. 28 on "Ontario's Age of Elegance: Furniture and Taste Before 1830". On Jan. 31, Mr. Symons made a lecture to the Canadian Handicrafts Guild, Quebec Provincial Branch, in Montreal, on "Early Canadian Furniture". Mr. Symons opened the Krieghoff exhibition in the Wilkie Gallery of Fine Arts in Windsor, Ontario in mid-January. The Canadiana Gallery loaned sixty Krieghoff pictures to this Exhibition. Mr. Symons attended a Seminar at Colonial Williamsburg from Feb. 3-10 and visited the White House in Washington and the Smithsonian Institute, Winterthur Museum and major museums in Philadelphia.

The Far Eastern Department has received from the Gulbenkian Foundation a grant in the amount of \$14,000 for the purchase of books, journals, and other publications, as well as slides, photographs and other research material for the improvement of the department's library.

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. This is the last issue for the current session. Copy for the October, 1963 issue must reach the Editor (Room 226, Simcoe Hall) by September 15.

